

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Previously Presented) An information creating apparatus for creating information to be provided to a reproducing apparatus for reproducing data, said information creating apparatus comprising:

first acquiring means for acquiring edit point information describing an edit point set for said data;

creating means for creating reproduction control information in accordance with said edit point information acquired by said first acquiring means, said reproduction control information resulting from an editing process based on said edit point and serving to control reproduction of said data;

determining means for determining whether it is possible for said reproducing apparatus to reproduce in real time said data resulting from said editing process; and

relocating means for relocating data in proximity of said edit point if said determining means determines that it is impossible for said reproducing apparatus to reproduce in real time said data resulting from said editing process; and

wherein said creating means creates said reproduction control information including information for indicating said data relocated by said relocating means as a reproduction object, and

wherein said relocating means determines the location at which to create data in proximity of the edit point in accordance with the result of the determining means.

2. (Canceled)

3. (Original) The information creating apparatus according to claim 1, wherein said creating means creates said reproduction control information including information for designating a decoder of said reproducing apparatus for use in reproducing said data.

4. (Original) The information creating apparatus according to claim 1, further comprising determining means for determining a location at which said reproducing apparatus starts reproducing said data;

wherein said creating means creates said reproduction control information including information for designating the starting location determined by said determining means.

5. (Previously Presented) The information creating apparatus according to claim 4, wherein said creating means creates said reproduction control information including information for designating said starting location determined by said determining means using address information being processed by said reproducing apparatus.

6. (Original) The information creating apparatus according to claim 1, further comprising second acquiring means which, if said data are constituted by pictures, then acquires picture information about said pictures;

wherein said creating means creates said reproduction control information in accordance with said picture information acquired by said second acquiring means.

7. (Previously Presented) An information creating method for creating information to be provided to a reproducing apparatus for reproducing data, said information creating method comprising the steps of:

- acquiring edit point information describing an edit point set for said data;
- creating reproduction control information in accordance with said edit point information acquired in said acquiring step, said reproduction control information being resulting from an editing process based on said edit point and serving to control reproduction of said data;
- determining whether it is possible for said reproducing apparatus to reproduce in real time said data resulting from said editing process; and
- relocating data in proximity of said edit point if it is impossible for said reproducing apparatus to reproduce in real time said data resulting from said editing process; and
- wherein said creating reproduction control information includes information for indicating said data relocated as a reproduction object, and
- wherein said relocating data determines the location at which to create data in proximity of the edit point.

8. (Previously Presented) A program, recorded on a computer-readable medium, for causing a computer to create information to be provided to a reproducing apparatus for reproducing data, said program comprising the steps of:

- acquiring edit point information describing an edit point set for said data;
- creating reproduction control information in accordance with said edit point information acquired in said acquiring step, said reproduction control information resulting from an editing process based on said edit point and serving to control reproduction of said data;

determining whether it is possible for said reproducing apparatus to reproduce in real time said data resulting from said editing process; and

relocating data in proximity of said edit point if it is impossible for said reproducing apparatus to reproduce in real time said data resulting from said editing process; and

wherein said creating reproduction control information includes information for indicating said data relocated as a reproduction object, and

wherein said relocating data determines the location at which to create data in proximity of the edit point.

9. (Previously Presented) A reproducing apparatus comprising:

acquiring means for acquiring reproduction control information, which is created in accordance with edit point information describing an edit point set for data and which serves to control reproduction of said data;

reproducing means for reproducing said data in accordance with said reproduction control information acquired by said acquiring means; and

determining means and selecting means for use when said reproduction control information includes information for indicating as a reproduction object data, which are relocated by an information creating apparatus for creating said reproduction control information and which are in proximity of said edit point,

wherein said determining means determines a location at which to start reproducing said data in accordance with said reproduction control information,

wherein said selecting means selects a decoder for reproducing said data,

wherein said reproducing means reproduces said data based on said reproduction control information, on the starting location determined by said determining means,

and on said decoder selected by said selecting means, and

wherein the selecting means selects a decoder from a plurality of decoders in accordance with the reproduction control information which includes designation information.

10. (Canceled)

11. (Original) The reproducing apparatus according to claim 9, further comprising determining means for use when said reproduction control information includes information for indicating as a reproduction object data, which are relocated by an information creating apparatus for creating said reproduction control information and which are in proximity of said edit point, and information for designating a decoder for reproducing said data;

wherein said determining means determines a location at which to start reproducing said data in accordance with said reproduction control information; and

wherein said reproducing means reproduces said data based on said reproduction control information and on the starting location determined by said determining means.

12. (Original) The reproducing apparatus according to claim 9, wherein, if said reproduction control information includes information for indicating as a reproduction object data, which are relocated by an information creating apparatus for creating said reproduction control information and which are in proximity of said edit point, information for designating a decoder for reproducing said data, and information for designating a location at which to start reproducing said data, then said reproducing means reproduces said data solely in accordance with said reproduction control information.

13. (Previously Presented) A reproducing method comprising the steps of:

acquiring reproduction control information, which is created in accordance with edit point information describing an edit point set for data and which serves to control reproduction of said data;

reproducing said data in accordance with said reproduction control information acquired in said acquiring step; and

determining and selecting when said reproduction control information includes information for indicating as a reproduction object data, which are relocated by an information creating apparatus for creating said reproduction control information and which are in proximity of said edit point,

wherein determining a location at which to start reproducing said data in accordance with said reproduction control information,

wherein selecting a decoder for reproducing said data,

wherein reproducing said data based on said reproduction control information, on the starting location determined, and on said decoder selected, and

wherein selecting a decoder from a plurality of decoders in accordance with the reproduction control information which includes designation information.

14. (Previously Presented) A program recorded on a computer-readable medium, which is readable by a computer, comprises the steps of:

acquiring reproduction control information, which is created in accordance with edit point information describing an edit point set for data and which serves to control reproduction of said data;

reproducing said data in accordance with said reproduction control information
acquired in said acquiring step; and

determining and selecting when said reproduction control information includes
information for indicating as a reproduction object data, which are relocated by an information
creating apparatus for creating said reproduction control information and which are in proximity
of said edit point,

wherein determining a location at which to start reproducing said data in
accordance with said reproduction control information,

wherein selecting a decoder for reproducing said data,

wherein reproducing said data based on said reproduction control
information, on the starting location determined, and on said decoder selected, and

wherein selecting a decoder from a plurality of decoders in accordance
with the reproduction control information which includes designation information.